



APPLICATION FOR TEMPORARY USE OF RADIO FREQUENCIES IN NORWAY

GUIDE

HOW TO FILL IN THE APPLICATION FORM

A: GENERAL INFORMATION

- Send application to: firmapost@nkom.no.
- Application must be submitted well in advance.
- All fields except no. 20 & 21 are mandatory and must be filled in.
- Missing or wrong information may delay the processing of the application.

B: FILLING IN THE FORM

The fields in the application form are numbered. Below is a simple guide to each of the fields.

EVENT

1. Event : Example: *IBU world cup, Tour of Norway, Concert with xx etc.*
2. Event date (from-to) : Start date and stop date of frequency usage.
3. Event area : The geographical area of the event.
Example: *Telenor arena, Trondheim, Holmenkollen, Birkebeineren along racetrack from Rena to Lillehammer etc.*

INFORMATION ABOUT THE APPLICANT

4. Organization/Company : Name of applicant.
5. Address : Applicant address.
6. Country : Home country of applicant.
7. Name : Name of person representing the applicant.
8. Phone number : Phone number including land prefix to the person above.
9. E-mail : Email address to the person above.

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CONTACT PERSON DURING THE EVENT

10. Name : Name of contact person which will be present on location during the event.
11. Phone number : Phone number including land prefix (cellphone preferred) to above.
12. E-mail : E-mail address to above.

Nkom need a contact person on site during the event in case something regarding the frequency use appears, and Nkom needs to get in contact with the users.

INFORMATION ABOUT THE RADIO EQUIPMENT AND FREQUENCIES

13. Manufacturer : Producer of the actual equipment where frequency(ies) is applied for.
Example: *Motorola, Sennheiser.*
14. Equipment model : Model of radio equipment made by manufacturer above.
Example: *(Motorola) GP380, (Sennheiser) EW-D ME2*
15. Frequency range : Frequency range covered by model above.
16. Number of channels needed : Number of separate channels you need for the actual equipment.
Example: *For PMR/Walkie talkie you may need 4 channels and for a wireless camera you may need 1 channel.*
17. Category : Category is type of equipment.

B = Base station. Typically a base station/repeater for PMR (Walkie Talkie) or Telemetry for camera.

M = Mobile radio in car. Typically a car mounted radio for PMR (Walkie Talkie).

P = Portable radio. Typically a hand portable radio for PMR (Walkie Talkie) or Telemetry for mobile video camera.

MW = Microwave. Typically a temporary fixed link for data transmission.

WM = Wireless Microphone or IEM (In Ear Monitor).

MV = Mobile Video camera link.

Few channels are available.

For larger events often a host broadcaster coordinates the use of the available channels.

Typical BW = 8-10 MHz.

Air = Airborne use. *Typically relay transmission of signals from video camera or base station/repeater for wide coverage of PMR (Walkie Talkie).*

18. Power (W)

Definition of power for MV, WM and PMR:

Mobile Video link : Radiated power W e.i.r.p. **Power from transmitter plus antenna gain in dBi.**

Wireless Microphone: Either radiated power or transmitter power.

PMR : Either radiated power or transmitter power

19. RF Bandwidth (BW)
per channel

Required bandwidth (BW) for **one channel.**

Example:

Video camera: BW= 8 MHz or 10 Mhz.

PMR (Walkie Talkie): BW=6.25, 12.5 or 25 kHz.

20. Pre-programmed
frequencies

Not mandatory.

If your radio has pre-programmed frequencies (channels), please list frequencies and we will check if any of them are available.

21. Preferred
frequencies

Not mandatory.

If you have any preferred frequency(ies), please note in this field and we will check if the frequency(ies) is available.